

FIG. 1A
(Prior Art)

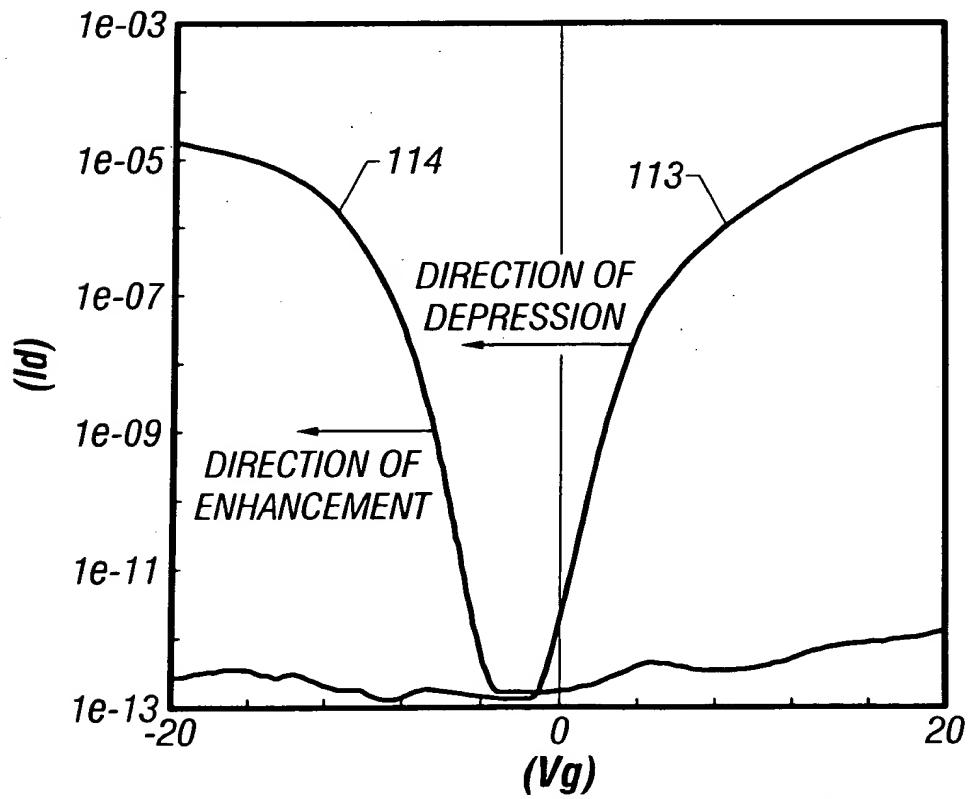


FIG. 1B
(Prior Art)

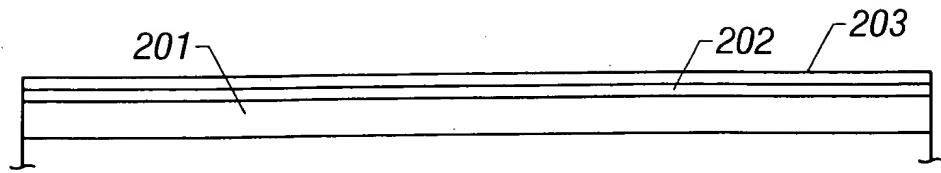


FIG. 2A

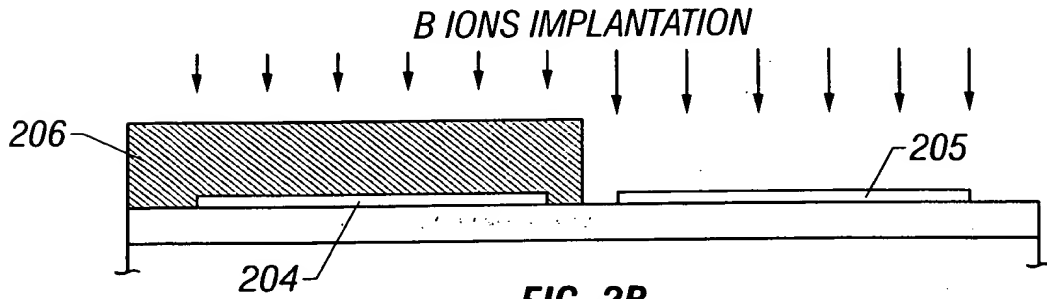


FIG. 2B

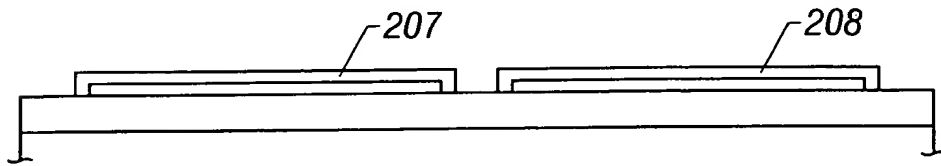


FIG. 2C

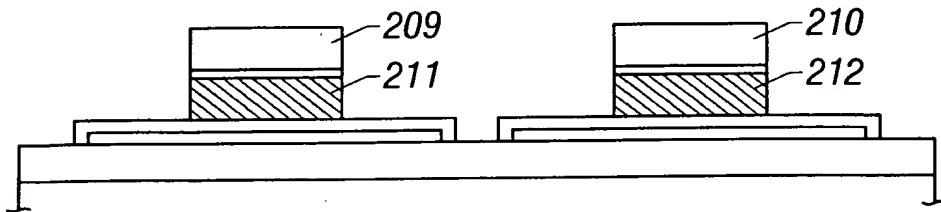


FIG. 2D

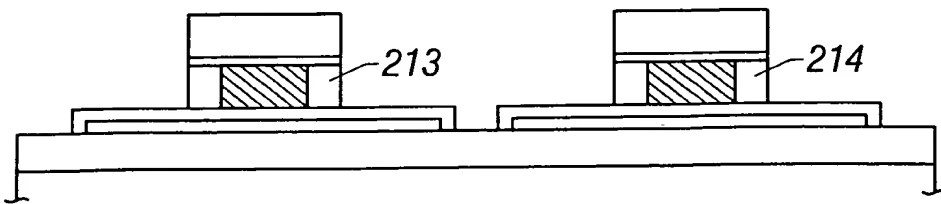
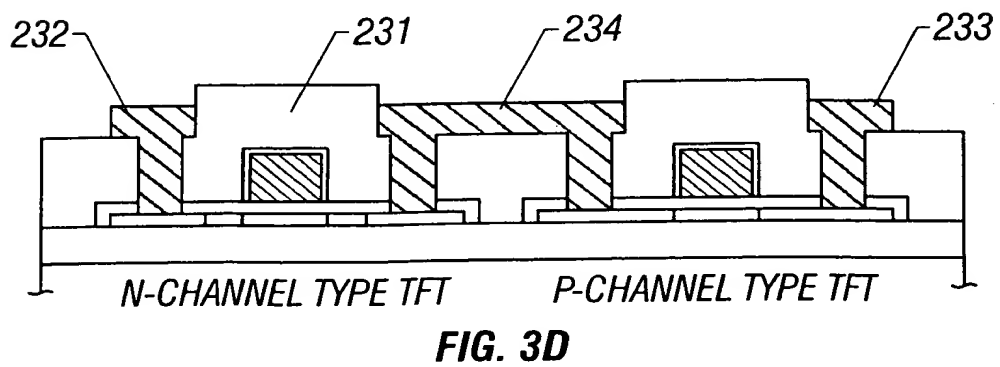
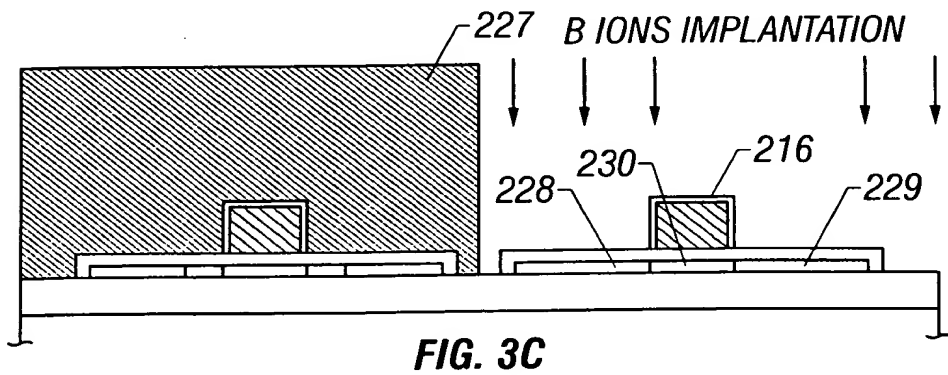
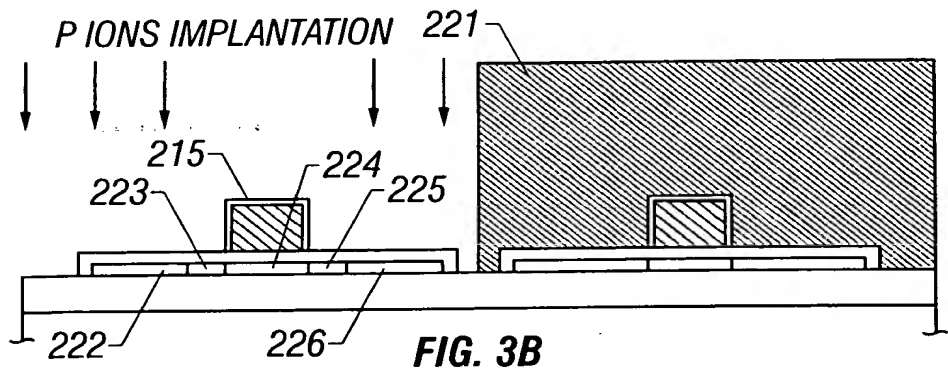
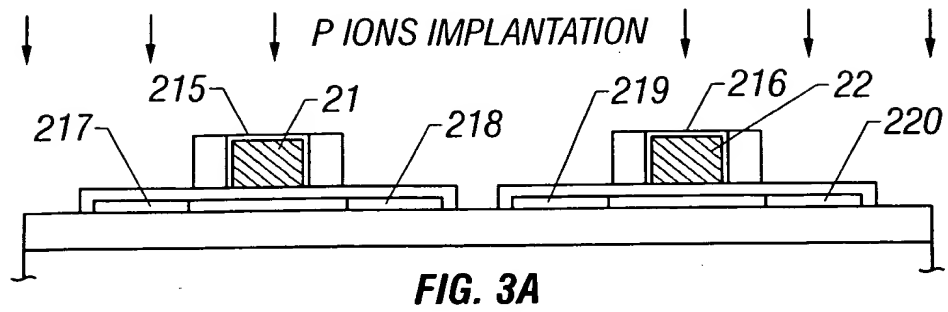


FIG. 2E



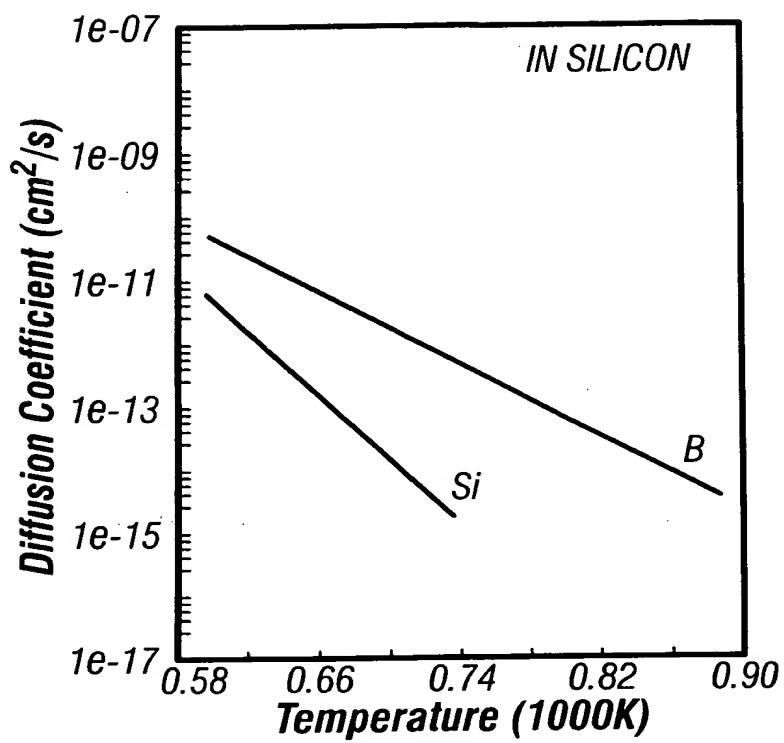


FIG. 4

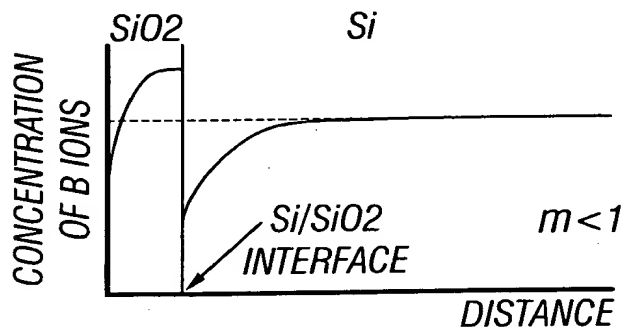


FIG. 5A

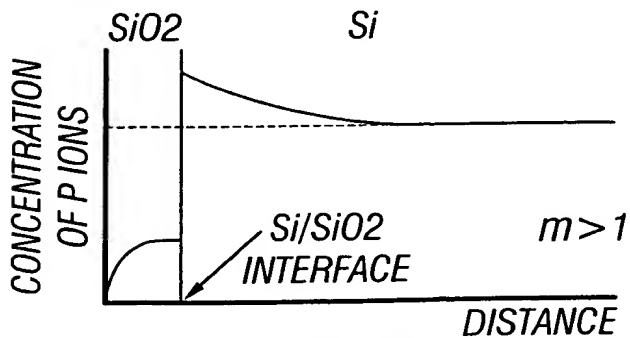


FIG. 5B

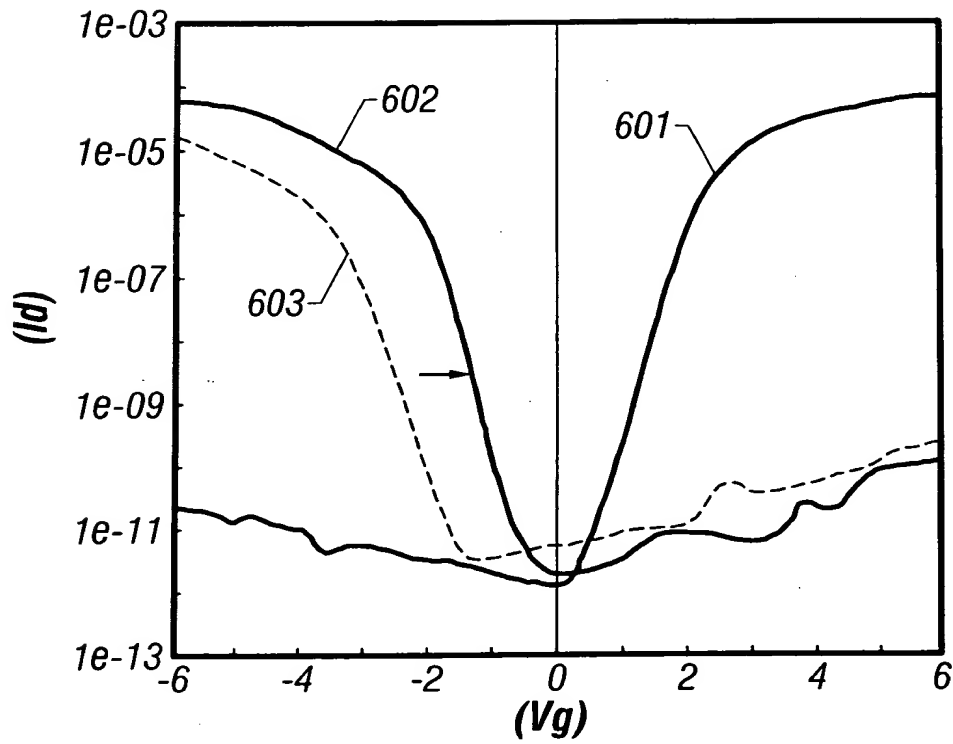


FIG. 6

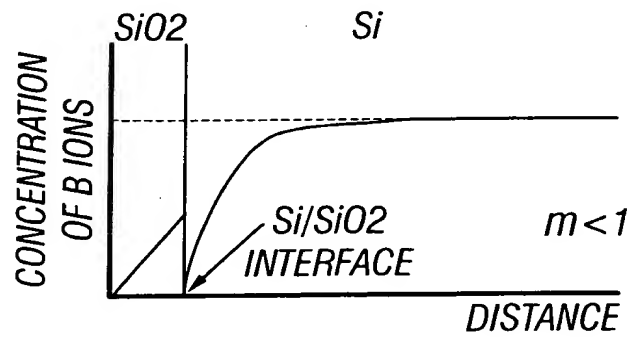


FIG. 7

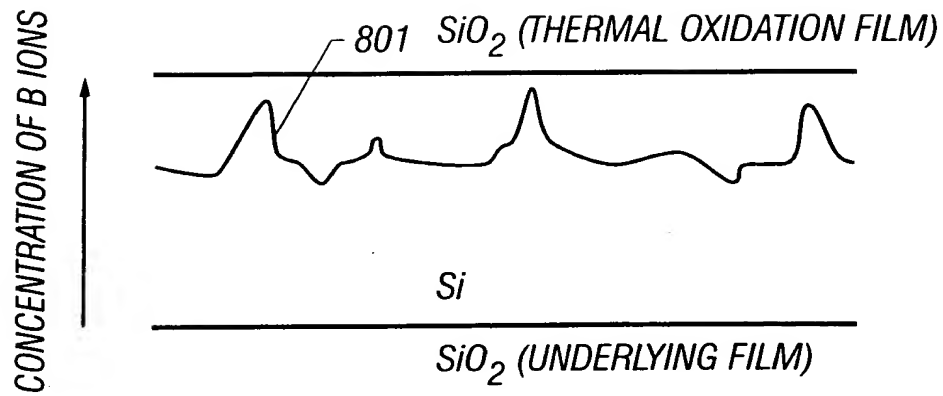


FIG. 8A

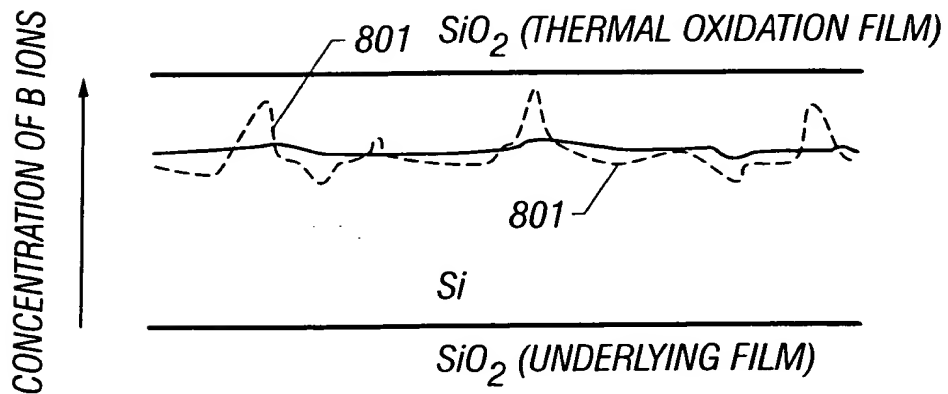


FIG. 8B



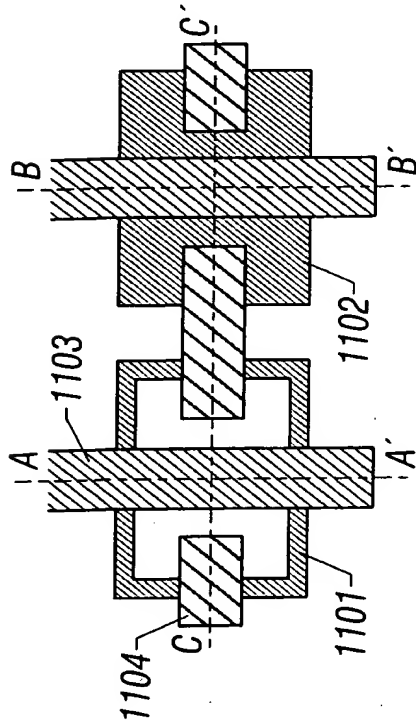


FIG. 11A

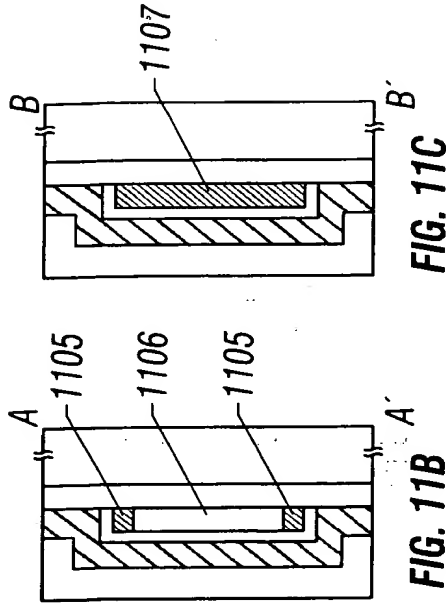


FIG. 11B

FIG. 11C

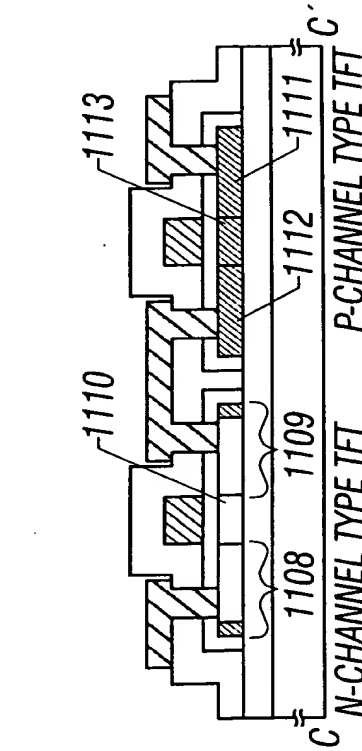


FIG. 11D

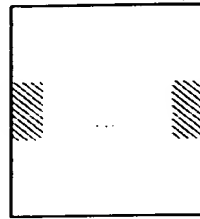


FIG. 11E

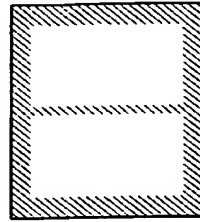


FIG. 11G

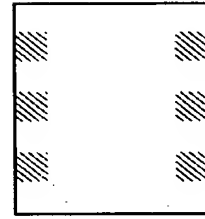


FIG. 11F

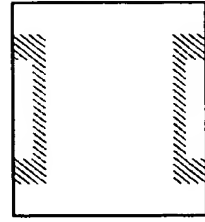


FIG. 11H

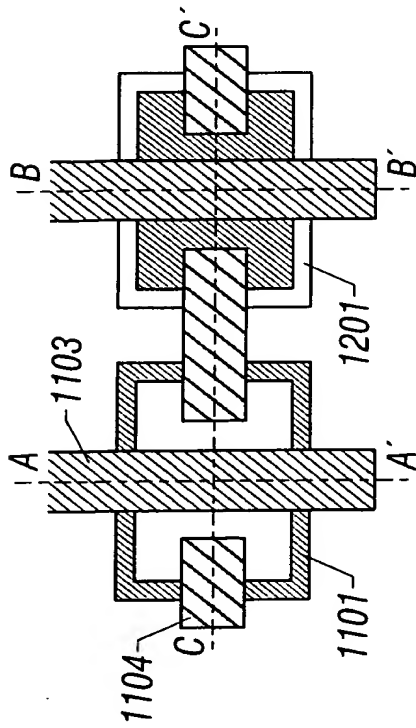


FIG. 12A

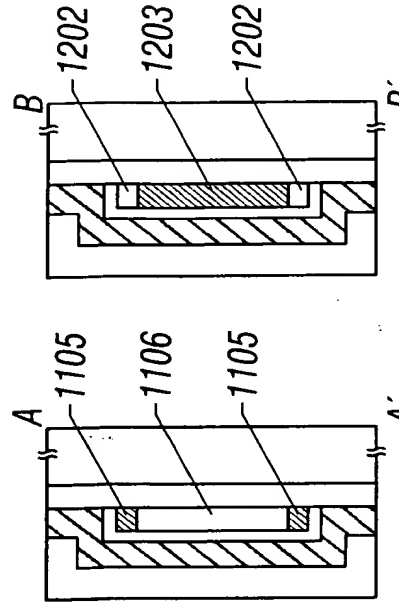


FIG. 12B

FIG. 12C

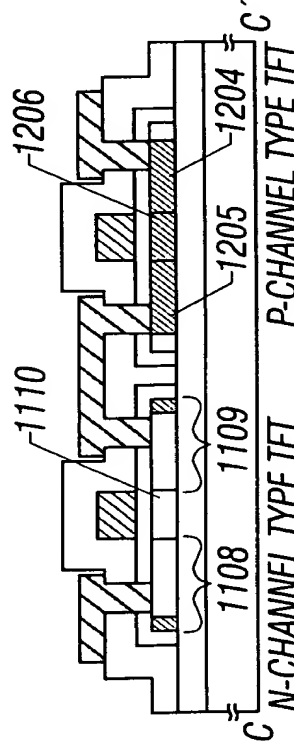


FIG. 12D

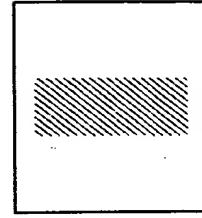


FIG. 12E



FIG. 12F

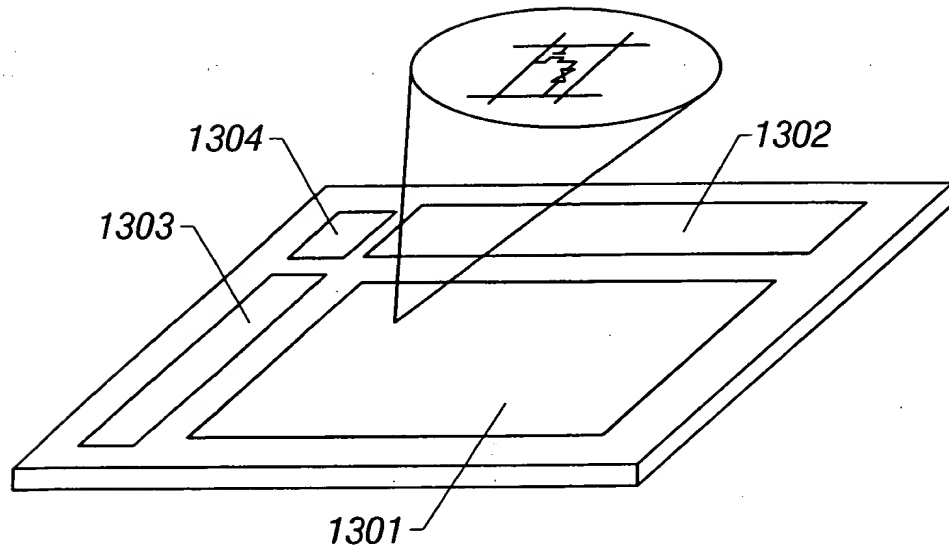
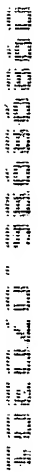
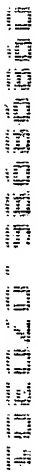
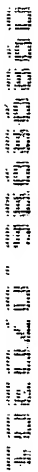


FIG. 13

[illegible][illegible][illegible]

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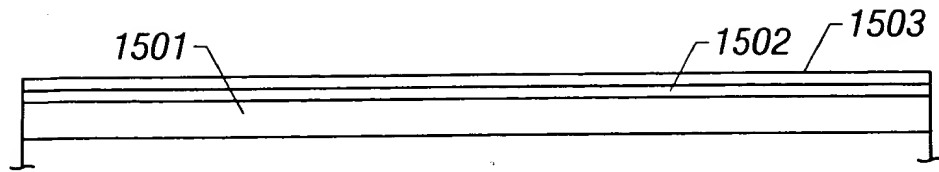


FIG. 15A

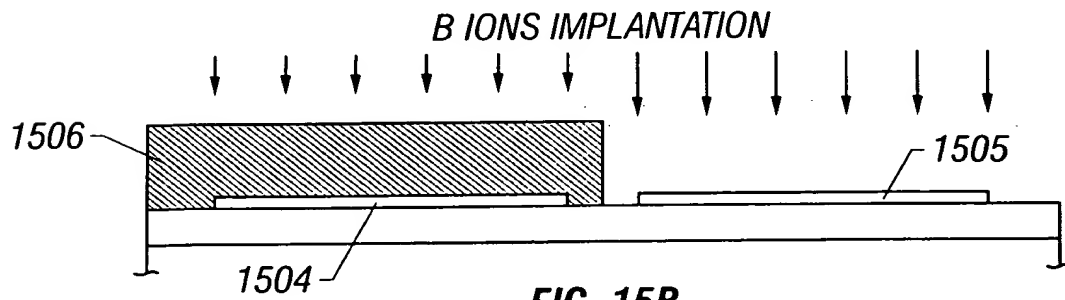


FIG. 15B

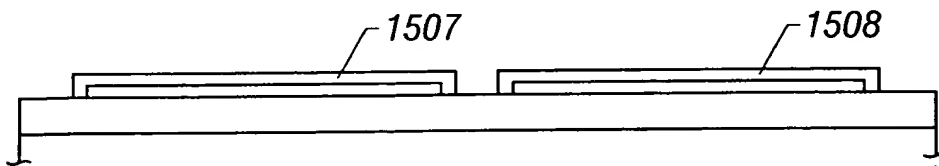


FIG. 15C

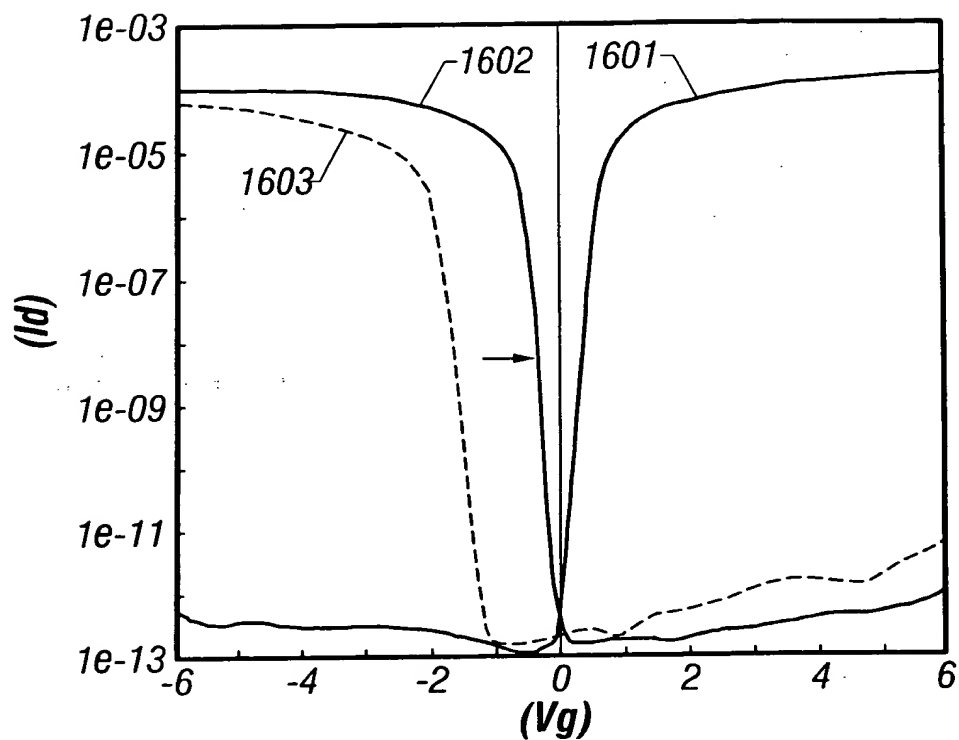


FIG. 16

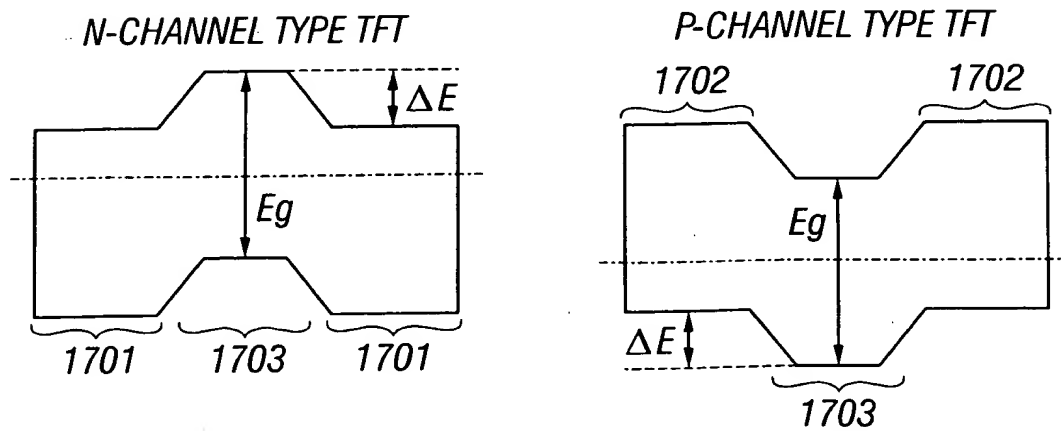


FIG. 17

TFT SIZE Pch 3/20
(L/W [μm]) Nch 3/20

(V)	Oscillation Frequency (MHz)		
	9 Pairs	19 Pairs	51 Pairs
2.0	18.6	9.6	3.6
3.0	38.5	19.2	7.2
4.0	59.8	29.4	10.7
5.0	75.7	37.2	13.9
6.0	90.4	44.8	16.6
7.0	100.3	50.8	18.2
8.0	108.0	55.3	20.7
9.0	117.0	59.4	22.4
10.0	123.0	62.6	23.6

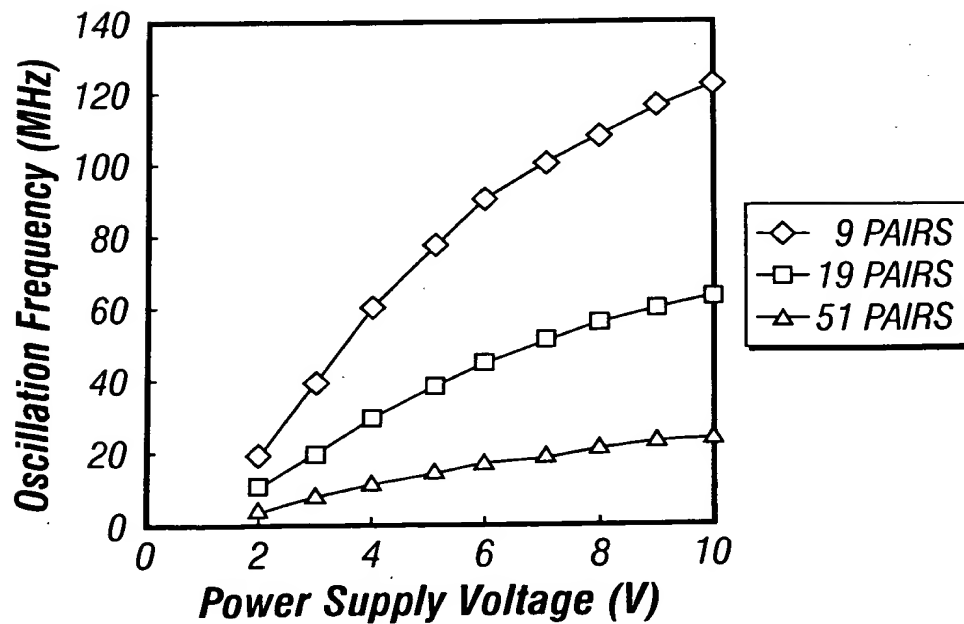


FIG. 18

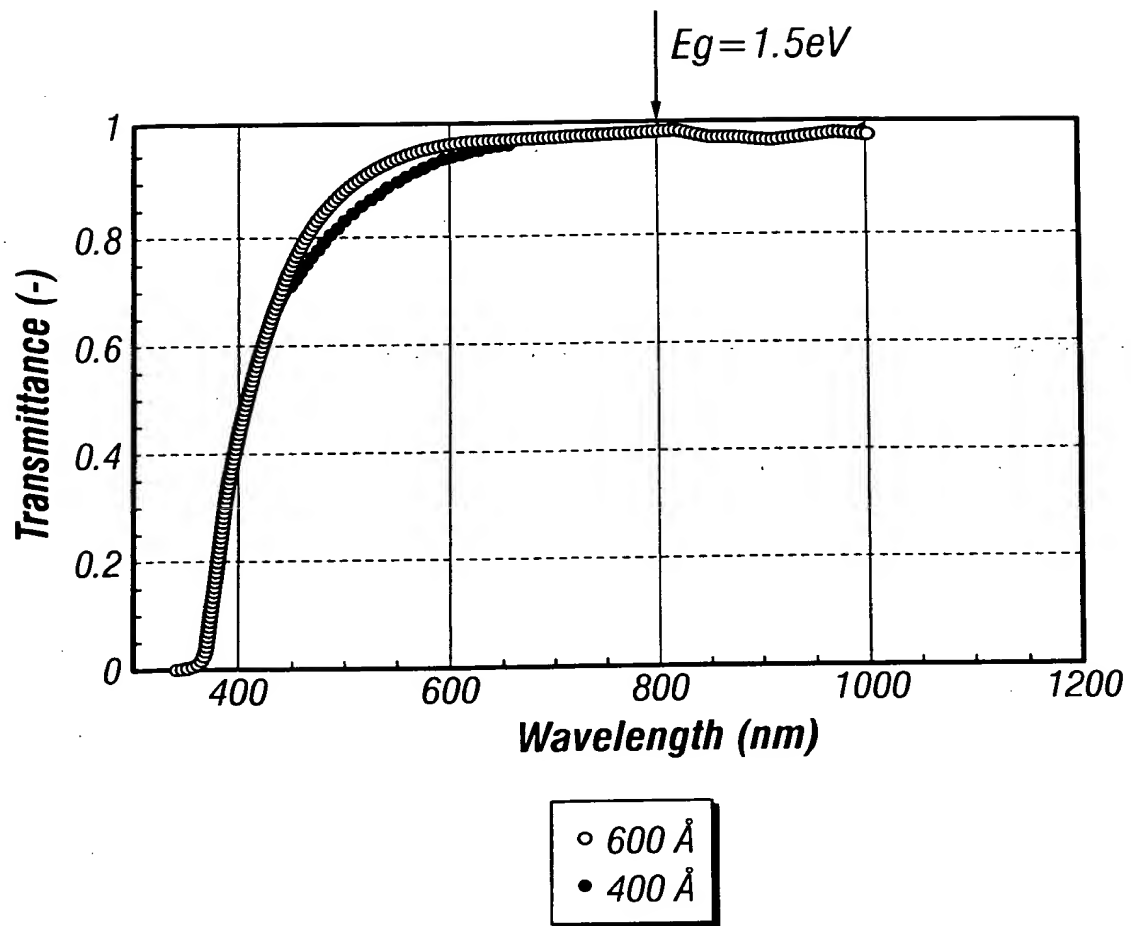


FIG. 19

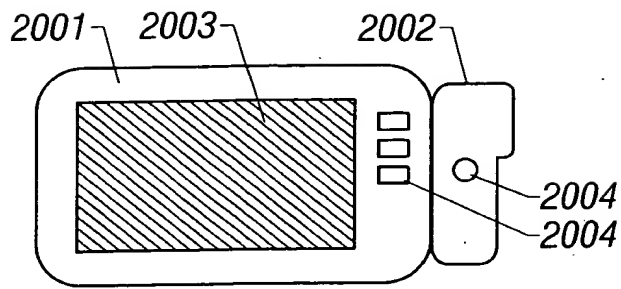


FIG. 20A

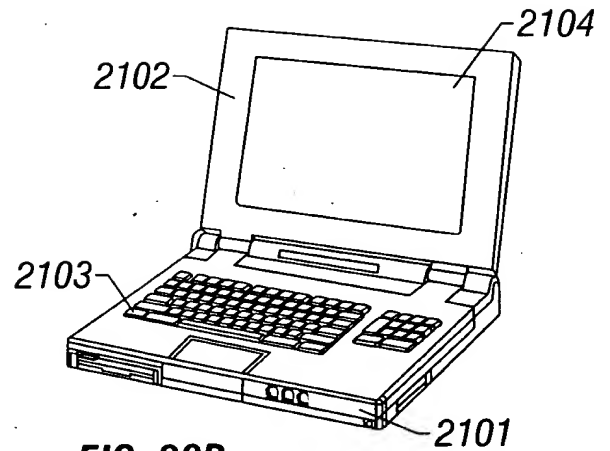


FIG. 20B

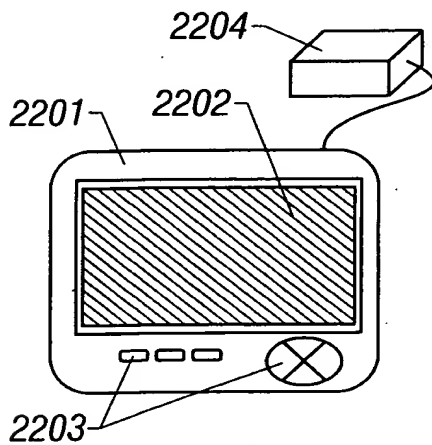


FIG. 20C

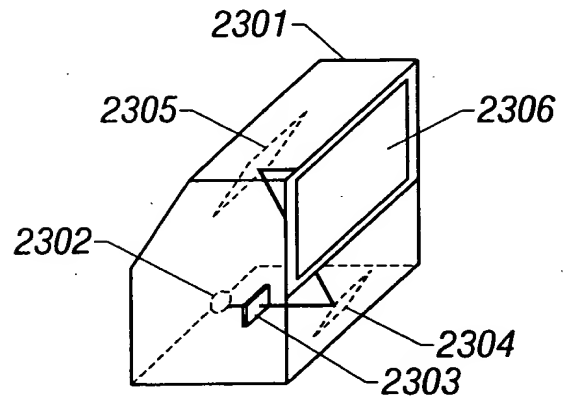


FIG. 20D

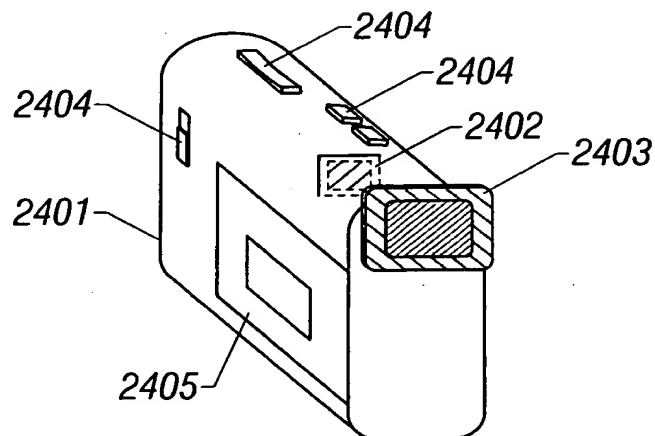


FIG. 20E